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ABSTRACT

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The invention is directed to methods for purifying Troponin I, particularly recombinant Tropnin I produced in a bacterial expression system. Recombinant Tropnin I can be advantageously purified after reversibly protecting the free sulfhydryl groups, *e.g.*, by forming sulfates. In a specific example, Tropnin I reacted with sodium tetrafhionate yielded sulfitolyzed Tropnin I, which was purified by chromatography on an anion exchanger, followed by hydrophobic interaction chromatography. Facile deprotection of the sulfhydryl groups yields a highly purified product ready for refolding.